

| TRANSMITTAL LETTER | | | Case No. 56/418 |
|---|-----------------------------------|------------------------|------------------------------|
| Serial No. 30/671,325 | Filing Date September 25, 2003 | Examiner Unassigned | Group Art Unit Unassigned |
| Inventor(s) Rudolf Mittman | | | |
| Title of Invention PROCEDURE FOR THE DETERMINATION OF AN ABSOLUTE POSITION | | | |

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Transmittal Letter (in duplicate); Information Disclosure Statement; PTO 1449 along with four (4) cited references; Postcard Evidencing Receipt.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ Petition for a _____ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra |
|---|----------------------------------|-------|---------------------------------|---------------|
| Total | | Minus | | |
| Indep. | | Minus | | |
| First Presentation of Multiple Dep. Claim | | | | |

| Small Entity | | or | Other Than Small Entity | |
|-----------------|-----------|----|-------------------------|-----------|
| Rate | Add'l Fee | | Rate | Add'l Fee |
| x \$9 = | | | x \$18 = | |
| x 43 = | | | x \$86 = | |
| + \$145 = | | | + \$290 = | |
| Total add'l fee | \$ | | Total add'l fee | \$ |

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$ _____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

John C. Freeman
Registration No. 34,483
Attorney for Applicant
Customer No. 00757 - Brinks Hofer Gilson Lione

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 26, 2003.

Date: November 26, 2003 Signature: J.C. Freeman



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on November 26, 2003.

Name of Registered Representative:

John C. Freeman
John C. Freeman, Reg. No. 34,483

November 26, 2003
Date of Signature

PATENT
CASE NO. 56/418

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:)
Rudolf Mittmann)
Serial No.: 10/671,325) Group Art Unit: unassigned
Filed: September 25, 2003) Examiner: unassigned
For: PROCEDURE FOR THE)
DETERMINATION OF AN)
ABSOLUTE POSITION)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicant hereby submits the following references for consideration by the Examiner. Copies of the references are enclosed along with a completed copy of Form PTO-1449.



DISCLOSURE

A. U.S. Patents

| <u>Patent No.</u> | <u>Inventor</u> | <u>Issue Date</u> |
|--------------------------|------------------------|--------------------------|
| 5,754,568 | Braasch | 05/19/98 |

B. Foreign Patents

| <u>Reference No.</u> | <u>Country</u> | <u>Pub. Date</u> |
|-----------------------------|-----------------------|-------------------------|
| 195 06 019 C2 | Germany | 04/13/00 |
| 0 789 226 B1 | EP | 06/20/01 |

C. Literature

1) B. E. Jones, "Digital displacement transducer using pseudo-random binary sequences and a microprocessor," Trans Inst M C Vol. 3, No. 1, January-March 1981, pp. 13-20.

II. DISCUSSION

A. German Reference No. 195 06 019

The pertinence of the '131 reference is discussed in paragraph 0009 of the present application. Based solely on the drawings and the attached English-language Abstract, the '019 reference appears to disclose comparing adjacent codewords once a deviation between codewords allocated to a steering wheel angle is determined by an evaluation unit.

B. European Reference No. 0 789 226

The pertinence of the '226 reference is discussed in paragraphs 0007 and 0008 of the present application. Based solely on the drawings and the attached English-language Abstract, the '226 reference appears to disclose sampling several complete but not overlapping codewords so as to determine correct codes from which an actual exact position is determined. It is believed

that U.S. Patent No. 5,754,568 corresponds to the '226 reference.

III. CONCLUSION

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicant wishes to make it clear that the disclosure of the above references is in no way an admission that they qualify as prior art. It is Applicant's desire, however, to have these references available in the record for both the Examiner and the public to see. Applicant therefore requests that the Examiner review the entire disclosure of each reference and make the above-listed references of record.

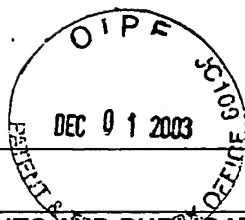
Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J.C. Freeman', with a stylized flourish at the end.

John C. Freeman
Registration No. 34,483
Attorney for Applicant

BRINKS HOFER
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P.O. Box 10395
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Dated: November 26, 2003



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|---|-----------------------------------|------------------------------|
| FORM PTO-1449 | SERIAL NO. 10/671,325 | CASE NO. 56/418 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary) | FILING DATE September 25, 2003 | GROUP ART UNIT Unassigned |
| APPLICANT(S): Rudolf Mittman | | |

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|----|--|------------|--------|--------------------|----------------|
| | A1 | 5,754,568 | 05/19/1998 | Braash | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES OR NO |
|---------------------|----|--|------------|---------|--------------------|--------------------------|
| | A2 | 195 06 019 C2 | 04/13/2000 | Germany | | Yes |
| | A3 | 0 789 226 B1 | 06/20/2001 | EP | | Yes |

OTHER ART – NON PATENT LITERATURE DOCUMENTS

| EXAMINER INITIAL | | (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published. |
|---------------------|----|--|
| | A4 | B.E. Jones, "Digital displacement transducer using pseudo-random binary sequences and a microprocessor," Trans Inst M C Vol. 3, No. 1 January-March 1981, pp. 13-20. |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.